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1 CLAIMS

2 What is claimed is:

- 3 1. An assembly for electronically controlling the input of a solution to a solution
4 receptacle, the assembly comprising:
5 a solution receptacle feeder for receiving and reacting to an electronic signal,
6 and a computer capable of sending an electronic signal to the solution
7 receptacle feeder.
8
- 9 2. The assembly of claim 1 wherein the computer is capable of sending an electronic
10 signal to the solution receptacle feeder to deliver solution to a solution receptacle
11 and the assembly further comprises:
12 a solution reservoir attached to the solution receptacle feeder; and
13 a solution receptacle.
14
- 15 3. The assembly of claim 1 further comprising:
16 a transceiver working in connection with the computer; and
17 a second transceiver working in connection with each solution receptacle feeder
18 such that each solution receptacle feeder will only follow directions addressed to a
19 particular solution receptacle feeder.
20
- 21 4. The assembly of claim 1 wherein:
22 the computer includes a transmitter to send a wireless signal to the solution

1 receptacle feeder, and the solution receptacle feeder includes a receiver to receive a
2 wireless signal.

3 5. The assembly of claim 1 wherein:

4 the solution receptacle feeder includes hardware to control the amount of liquid
5 released into the solution receptacle.

6
7 6. The assembly of claim 1 wherein:

8 the solution receptacle feeder includes a warning device to indicate malfunction.

9
10 7. The assembly of claim 1 wherein:

11 the computer includes software to control the timing of the solution delivery to the
12 solution receptacle feeder.

13
14 8. An assembly for electronically controlling the input of solution to multiple

15 solution receptacles, the assembly comprising:

16 a solution reservoir;

17 a solution receptacle feeder attached to the solution reservoir;

18 a computer capable of generating an electronic signal having an address

19 component and an instruction component; and

20 a transceiver capable of sending and receiving the electronic signal.

21

- 1 9. The assembly of claim 8 further comprising:
2 one or more solution receptacles; and
3 one or more mechanisms for moving the solution receptacles so that the solution
4 receptacle feeder may separately deliver solution to different solution receptacles.
5
- 6 10. The assembly of claim 8 further comprising:
7 one or more solution receptacles;
8 a mechanism for moving the solution receptacle feeder so that the solution
9 receptacle feeder may separately deliver solution to different solution receptacles.
10
- 11 11. The device of claim 8 further comprising:
12 a transceiver working in connection with each solution receptacle feeder to
13 receive and process signals from the computer and to return signals back to the
14 computer.
15
- 16 12. A method of automatically delivering solution to a solution reservoir comprising
17 the steps of:
18 generating an electronic signal representing an instruction for a solution receptacle
19 feeder;
20 transmitting the electronic signal to one or more solution receptacle feeders;
21 receiving and processing the electronic signal by the solution receptacle feeders;
22 and

1 delivering solution from a solution reservoir to a solution receptacle through the
2 solution receptacle feeder.
3
4 13. The method of claim 12 wherein the step of transmitting the electronic signal
5 transmits a wireless signal.
6
7 14. The method of claim 12 further comprising the steps of:
8 including an address component with the electronic signal;
9 determining whether the address in a received signal matches that of a solution
10 receptacle feeder; and
11 delivering solution to a solution receptacle whenever the address in a received
12 signal matches that of a solution receptacle.
13
14 15. The method of claim 12 further comprising the steps of:
15 generating an electronic signal and including an address components and solution
16 delivery instructions with the signal;
17 transmitting the electronic signal to one or more mechanisms for moving solution
18 receptacle feeders;
19 receiving and processing the electronic signal by the one or more mechanisms;
20 moving the addressed solution receptacle feeder to an appropriate position in
21 accordance with the delivery instructions using the appropriate rmechanism; and
22 delivering the solution to a solution receptacle.

1

2 16. An assembly for delivering solution to multiple solution receptacles comprising:

3 a solution receptacle feeder;

4 a solution reservoir working in connection with the solution receptacle feeder;

5 multiple solution receptacles;

6 identification members affixed to each solution receptacle;

7 a receptacle identification member sensor working with the solution receptacle

8 feeder;

9 a transceiver working with the solution receptacle feeder;

10 a computer; and

11 a transceiver working with the computer.

12

13 17. The assembly of claim 16 further comprising a mechanism for moving the

14 multiple solution receptacles.

15

16 18. The assembly of claim 16 further comprising a mechanism for moving the solution

17 receptacle feeder.

18

19 19. The assembly of claim 16 wherein the transceiver working with the solution

20 receptacle feeder utilizes wireless data transmission and the transceiver working

21 with the computer utilizes wireless data transmission.

22

1 20. The assembly of claim 16 further comprising an identification system that allows
2 the solution receptacle feeder to distinguish between multiple solution receptacles.
3